

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of allowing a first user to impersonate a second user, the method comprising the steps of:
 - receiving authentication credentials for the first user and an identification of the second user;
 - authenticating said first user based on said authentication credentials for said first user;
 - creating a cookie that stores an indication of said second user if said step of authenticating is performed successfully; and
 - authorizing said first user to access a first resource as said second user based on said cookie.
2. (Previously Presented) A method according to claim 1, further comprising the step of:
 - providing a form for said authentication credentials, said form includes a request for a user identification, a password and an impersonatee identification, said user identification and said password correspond to said authentication credentials for said first user, said impersonatee identification corresponds to said identification of said second user.
3. (Original) A method according to claim 1, wherein:
 - said step of receiving is performed by an access system;
 - said access system protects said first resource; and
 - said first resource is separate from said access system.

4. (Original) A method according to claim 1, wherein:

said step of receiving is performed by an access system;

said access system protects a plurality of resources; and

said plurality of resources includes said first resource.

5. (Previously Presented) A method according to claim 1, wherein:

said cookie stores a distinguished name of said second user and an IP address for said first user.

6. (Previously Presented) A method according to claim 1, further comprising

the steps of:

receiving a request to access said first resource;

providing a form for said authentication credentials, said form includes a request for a user identification, a password and an impersonatee identification, said user identification and said password correspond to said authentication credentials for said first user, said impersonatee identification corresponds to said identification of said second user; and

transmitting said cookie for storage on a device being used by said first user to send said request to access said first resource.

7. (Original) A method according to claim 1, wherein:

said steps of receiving, authenticating and authorizing are performed by an access system;

said access system provides access management services and identity management services; and

said first resource is protected by, but separate from, said access system.

8. (Previously Presented) A method according to claim 1, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that matches said identification of said second user, and

accessing one or more attributes of said second user identity profile; and
said cookie includes said one or more attributes of said second user identity profile.

9. (Original) A method according to claim 8, wherein:

said steps of searching a directory server for a first user identity profile and verifying said password based on said user identity profile are performed by a first authentication plug-in; and

said steps of searching said directory server for a second user identity profile and accessing one or more attributes of said second user identity profile are performed by a second authentication plug-in.

10. (Previously Presented) A method according to claim 1, wherein:

said cookie stores a distinguished name for said second user; and

said step of authorizing includes the steps of:

accessing said distinguished name stored in said cookie,

accessing a user identity profile for said second user based on said distinguished name,

accessing a set of one or more authorization rules for said first resource,
and

comparing attributes of said user identity profile for said second user to said set of one or more authorization rules for said first resource.

11. (Previously Presented) A method according to claim 1, wherein:

said authentication credentials correspond to a set of attributes for said first user;
said identification of said second user corresponds to a set of attributes for said
second user;

said step of authorizing is based on one or more of said attributes for said first
user; and

said step of authorizing is based on one or more of said attributes for said second
user.

12. (Previously Presented) A method according to claim 1, wherein:
said authentication credentials correspond to a set of attributes for said first user;
and
said step of authorizing is not based on attributes for said first user.

13. (Previously Presented) A method according to claim 1, further comprising
the steps of:
receiving a request for a login form; and
providing said login form, said login form includes a request for a user
identification, a password and an impersonatee identification, said user identification and said
password correspond to said authentication credentials for said first user, said impersonatee
identification corresponds to said identification of said second user.

14. (Previously Presented) A method according to claim 1, further comprising
the steps of:
receiving a request from said first user to access a second resource after said step
of creating said cookie;
accessing contents of said cookie and determining not to authenticate said first
user in response to said request to access said second resource; and

authorizing said first user to access said second resource as said second user based on said cookie, said step of authorizing said first user to access said second resource is performed without authenticating said first user in response to said request to access said second resource.

15. (Previously Presented) A method according to claim 1, wherein:
said steps of authenticating and authorizing are performed without knowing a password for said second user.

16. (Previously Presented) A method for impersonating, comprising the steps of:

receiving authentication credentials for an impersonator and an identification of an impersonatee at an access system, wherein said access system protects a first resource that is separate from said access system;

authenticating said impersonator based on said authentication credentials for said impersonator, wherein said step of authenticating is performed by said access system; and

authorizing said impersonator to access said first resource as said impersonatee, wherein said step of authorizing is performed by said access system.

17. (Previously Presented) A method according to claim 16, wherein:
said steps of authenticating and authorizing are performed without knowing a password for said impersonatee.

18. (Original) A method according to claim 16, wherein:
said access system protects a plurality of resources that are separate from said access system; and
said plurality of resources includes said first resource.

19. (Previously Presented) A method according to claim 16, wherein:
said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

- searching a directory server for a first user identity profile that matches said ID,
- verifying said password based on said user identity profile,
- searching said directory server for a second user identity profile that matches said identification of said impersonatee, and
- accessing one or more attributes of said second user identity profile; and

said step of authorizing uses said one or more attributes of said second user identity profile.

20. (Original) A method according to claim 16, wherein:

said steps of searching a directory server for a first user identity profile and verifying said password based on said user identity profile are performed by a first authentication plug-in; and

said steps of searching said directory server for a second user identity profile and accessing one or more attributes of said second user identity profile are performed by a second authentication plug-in.

21. (Previously Presented) A method according to claim 16, wherein:

said step of authenticating provides a name for said impersonatee; and

said step of authorizing includes the steps of:

- accessing said name,
- accessing a user identity profile for said impersonatee based on said name,
- accessing a set of one or more authorization rules for said resource, and
- comparing attributes of said user identity profile for said impersonatee to said set of one or more authorization rules for said resource.

22. (Previously Presented) A method according to claim 16, wherein:

said authentication credentials correspond to a set of attributes for said impersonator;

said identification of said impersonatee corresponds to a set of attributes for said impersonatee;

said step of authorizing is based on one or more of said attributes for said impersonator; and

said step of authorizing is based on one or more of said attributes for said impersonatee.

23. (Previously Presented) A method according to claim 16, further comprising the steps of:

receiving a request to access a second resource from said impersonator after said step of authenticating said impersonator, wherein said access system protects said second resource; and

authorizing said impersonator to access said second resource as said impersonatee, wherein said step of authorizing said impersonator to access said second resource is performed without authenticating said impersonator in response to said request to access said second resource.

24. (Previously Presented) A method of allowing a first entity to impersonate a second entity, the method comprising the steps of:

receiving authentication credentials for the first entity and an identification of the second entity at an access system, wherein said access system protects a plurality of resources;

receiving an indication of one or more of said plurality of resources;

authenticating said first entity based on said authentication credentials for said first entity, wherein said step of authenticating is performed by said access system; and

authorizing said first entity to access said one or more of said plurality of resources as said second entity, wherein said step of authorizing is performed by said access system.

25. (Original) A method according to claim 24, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:
 searching a directory server for a first user identity profile that matches
said ID,
 verifying said password based on said user identity profile,
 searching said directory server for a second user identity profile that
matches said identification of said second entity, and
 accessing one or more attributes of said second user identity profile; and
said step of authorizing uses said one or more attributes of said second user
identity profile.
26. (Original) A method according to claim 24, wherein:
said step of authenticating provides a name for said second entity; and
said step of authorizing includes the steps of:
 accessing said name,
 accessing a user identity profile for said second entity based on said name,
 accessing a set of one or more authorization rules for said resource, and
 comparing attributes of said user identity profile for said second entity to
said set of one or more authorization rules.
27. (Original) A method according to claim 24, wherein:
said authentication credentials correspond to a set of attributes for said first entity;
said identification of said second entity corresponds to a set of attributes for said
second entity;

said step of authorizing is based on one or more attributes for said first entity; and
said step of authorizing is not based on attributes for said first entity.

28. (Previously Presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

receiving authentication credentials for a first user and an identification of a second user;

authenticating said first user based on said authentication credentials for said first user;

creating a cookie that stores an indication of said second user if said step of authenticating is performed successfully; and

authorizing said first user to access a first resource as said second user based on said cookie.

29. (Original) One or more processor readable storage devices according to claim 28, wherein:

said steps of receiving, authenticating and authorizing are performed by an access system;

said access system protects a plurality of resources separate from said access system; and

said plurality of resources includes said first resource.

30. (Previously Presented) One or more processor readable storage devices according to claim 28, wherein:

said cookie stores a distinguished name of said second user and an IP address for said first user.

31. (Previously Presented) One or more processor readable storage devices according to claim 28, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:
searching a directory server for a first user identity profile that matches
said ID,
verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that
matches said identification of said second user, and
accessing one or more attributes of said second user identity profile; and
said cookie includes said one or more attributes of said second user identity
profile.

32. (Previously Presented) One or more processor readable storage devices
according to claim 28, wherein:

said cookie stores a distinguished name for said second user; and
said step of authorizing includes the steps of:
accessing said distinguished name stored in said cookie,
accessing a user identity profile for said second user based on said
distinguished name,
accessing a set of one or more authorization rules for said first resource,
and
comparing attributes of said user identity profile for said second user to
said set of one or more authorization rules for said first resource.

33. (Previously Presented) One or more processor readable storage devices
according to claim 28, wherein:

said authentication credentials correspond to a set of attributes for said first user;
said identification of said second user corresponds to a set of attributes for said
second user;
said step of authorizing is based on one or more of said attributes for said first
user; and

said step of authorizing is based on one or more of said attributes for said second user.

34. (Previously Presented) One or more processor readable storage devices according to claim 28, wherein:

receiving a request from said first user to access a second resource after said step of creating said cookie;

accessing contents of said cookie and determining not to authenticate said first user in response to said request to access said second resource; and

authorizing said first user to access said second resource as said second user based on said cookie, said step of authorizing said first user to access said second resource is performed without authenticating said first user in response to said request to access said second resource.

35. (Previously Presented) An apparatus for providing access management that allows for impersonating, comprising:

a communication interface;

a storage device; and

a processing unit in communication with said communication interface and said storage device, said processing unit performs a method comprising the steps of:

receiving authentication credentials for a first user and an identification of a second user,

authenticating said first user based on said authentication credentials for said first user,

creating a cookie that stores an indication of said second user if said step of authenticating is performed successfully, and

authorizing said first user to access a first resource as said second user based on said cookie.

36. (Original) An apparatus according to claim 35, wherein:

said steps of receiving, authenticating and authorizing are performed by an access system;

said access system protects a plurality of resources separate from said access system; and

said plurality of resources includes said first resource.

37. (Previously Presented) An apparatus according to claim 35, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,

searching said directory server for a second user identity profile that matches said identification of said second user, and

accessing one or more attributes of said second user identity profile; and said cookie includes said one or more attributes of said second user identity profile.

38. (Previously Presented) An apparatus according to claim 35, wherein:

said cookie stores a distinguished name for said second user; and

said step of authorizing includes the steps of:

accessing said distinguished name stored in said cookie, accessing a user identity profile for said second user based on said distinguished name,

accessing a set of one or more authorization rules for said first resource, and

comparing attributes of said user identity profile for said second user to said set of one or more authorization rules for said first resource.

39. (Previously Presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

receiving authentication credentials for an impersonator and an identification of an impersonatee at an access system, said access system protects a first resource that is separate from said access system;

authenticating said impersonator based on said authentication credentials for said impersonator, said step of authenticating is performed by said access system; and

authorizing said impersonator to access said first resource as said impersonatee, said step of authorizing is performed by said access system.

40. (Original) One or more processor readable storage devices according to claim 39, wherein:

said access system protects a plurality of resources that are separate from said access system; and

said plurality of resources includes said first resource.

41. (Previously Presented) One or more processor readable storage devices according to claim 39, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,

searching said directory server for a second user identity profile that matches said identification of said impersonatee, and

accessing one or more attributes of said second user identity profile; and

said step of authorizing uses said one or more attributes of said second user identity profile.

42. (Previously Presented) One or more processor readable storage devices according to claim 39, wherein:

said step of authenticating provides a name for said impersonatee; and

said step of authorizing includes the steps of:

accessing said name,

accessing a user identity profile for said impersonatee based on said name,

accessing a set of one or more authorization rules for said resource, and

comparing attributes of said user identity profile for said impersonatee to

said set of one or more authorization rules for said resource.

43. (Previously Presented) One or more processor readable storage devices according to claim 39, wherein:

said authentication credentials correspond to a set of attributes for said impersonator;

said identification of said impersonatee corresponds to a set of attributes for said impersonatee;

said step of authorizing is based on one or more of said attributes for said impersonator; and

said step of authorizing is based on one or more of said attributes for said impersonatee.

44. (Previously Presented) One or more processor readable storage devices according to claim 39, wherein said method further comprises the steps of:

receiving a request to access a second resource from said impersonator after said step of authenticating said impersonator, said access system protects said second resource; and

authorizing said impersonator to access said second resource as said impersonatee, said step of authorizing said impersonator to access said second resource is performed without authenticating said impersonator in response to said request to access said second resource.

45. (Previously Presented) An apparatus for providing access management that allows for impersonating, comprising:

a communication interface;

a storage device; and

a processing unit in communication with said communication interface and said storage device, said processing unit performs a method comprising the steps of:

receiving authentication credentials for an impersonator and an identification of an impersonatee at an access system, said access system protects a first resource that is separate from said access system,

authenticating said impersonator based on said authentication credentials for said impersonator, said step of authenticating is performed by said access system, and

authorizing said impersonator to access said first resource as said impersonatee, said step of authorizing is performed by said access system.

46. (Original) An apparatus according to claim 45, wherein:

said access system protects a plurality of resources that are separate from said access system; and

said plurality of resources includes said first resource.

47. (Previously Presented) An apparatus according to claim 45, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that
matches said identification of said impersonatee, and
accessing one or more attributes of said second user identity profile; and
said step of authorizing uses said one or more attributes of said second user
identity profile.

48. (Previously Presented) An apparatus according to claim 45, wherein:
said step of authenticating provides a name for said impersonatee; and
said step of authorizing includes the steps of:

accessing said name,
accessing a user identity profile for said impersonatee based on said name,
accessing a set of one or more authorization rules for said resource, and
comparing attributes of said user identity profile for said impersonatee to
said set of one or more authorization rules for said resource.